# Recombinant Human MGP protein, His-tagged

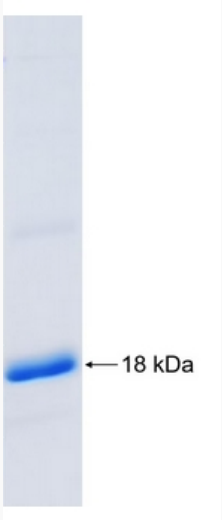
**Cat. No.** MGP-2596H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human MGP protein(1-103 aa), fused with N-terminal His tag, was expressed in E.coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-103 aa |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| **AASequence** | MKSLILLAILAALAVVTLCYESHESMESYELNPFINRRNANTFISPQQRWRAKVQERIR ERSKPVHELNREACDDYRLCERYAMVYGYNAAYNRYFRKRRGAK |
| **Purity** | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| **Reconstitution** | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution. |

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## GENE INFORMATION

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|---|---|
| **Gene Name** | MGP matrix Gla protein [ Homo sapiens ] |
| **Official Symbol** | MGP |
| **Synonyms** | MGP; matrix Gla protein; cell growth-inhibiting gene 36 protein; NTI; GIG36; MGLAP; |
| **Gene ID** | 4256 |
| **mRNA Refseq** | NM_000900 |
| **Protein Refseq** | NP_000891 |
| **MIM** | 154870 |
| **UniProt ID** | P08493 |
| **SDS-PAGE** |  |



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